Nokia 2710 User Guide

Issue 3

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Safety

Read these simple guidelines. Not following them may be dangerous or illegal. Read the complete user guide for further information.

SWITCH ON SAFELY

Do not switch the device on when wireless phone use is prohibited or when it may cause interference or danger.

ROAD SAFETY COMES FIRST

Obey all local laws. Always keep your hands free to operate the vehicle while driving. Your first consideration while driving should be road safety.

INTERFERENCE

All wireless devices may be susceptible to interference, which could affect performance.

SWITCH OFF IN RESTRICTED AREAS

Follow any restrictions. Switch the device off in aircraft, near medical equipment, fuel, chemicals, or blasting areas.

QUALIFIED SERVICE

Only qualified personnel may install or repair this product.

ACCESSORIES AND BATTERIES

Use only approved accessories and batteries. Do not connect incompatible products.

WATER-RESISTANCE

Your device is not water-resistant. Keep it dry.

Support

When you want to learn more about how to use your product or you are unsure how your device should function, go to www.nokia.com/support, or using a mobile device, nokia.mobi/support.

If this does not resolve your issue, do one of the following:

- Reboot your device. Switch off the device, and remove the battery. After about a minute, replace the battery, and switch on the device.
- Restore the original factory settings.
- Update your device software.

If your issue remains unsolved, contact Nokia for repair options. Go to www.nokia.com/repair. Before sending your device for repair, always back up the data in your device.

Get started

Insert SIM card and battery

Safe removal. Always switch the device off and disconnect the charger before removing the battery.

The SIM card and its contacts can be easily damaged by scratches or bending, so be careful when handling, inserting, or removing the card.

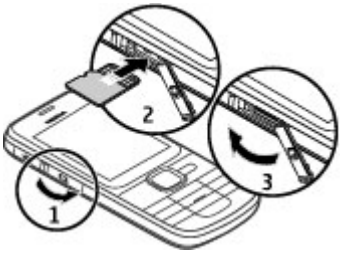
1 Slide the back cover downwards, and remove it (1).
2 Remove the battery (2).
3 Insert the SIM card. Ensure the contact surface area is facing down and the bevelled corner of the SIM card is facing the bottom of the device (3, 4, 5).
4 Replace the battery and the back cover (6, 7).

Insert a microSD card

Use only compatible microSD cards approved by Nokia for use with this device. Nokia uses approved industry standards for memory cards, but some brands may not be fully compatible with this device. Incompatible cards may damage the card and the device and corrupt data stored on the card.

Your phone supports microSD cards with a capacity of up to 16 GB.

A compatible memory card may be supplied with the device, and may already be inserted in the device. If not, do the following:



1 Open the cover of the memory card slot.
2 Insert the card into the memory card slot with the contact surface facing up, and press until it locks into place.
3 Close the cover of the memory card slot.

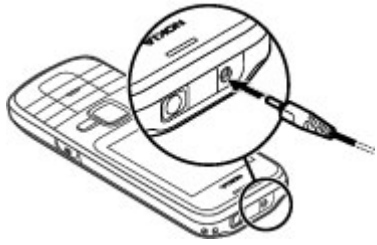
Remove the microSD card

Important: Do not remove the memory card during an operation when the card is being accessed. Doing so may damage the memory card and the device, and corrupt data stored on the card.

You can remove or replace the memory card during phone operation without switching the device off, but you need to ensure that no application is currently accessing the memory card.

Charge the battery

Your battery has been partially charged at the factory. If the device indicates a low charge, do the following:



1 Connect the charger to a wall outlet.
2 Connect the charger to the device.
3 When the device indicates a full charge, disconnect the charger from the device, then from the wall outlet.

You do not need to charge the battery for a specific length of time, and you can use the device while it is charging. If the battery is completely discharged, it may take several minutes before the charging indicator appears on the display or before any calls can be made.

GSM antenna

Your device may have internal and external antennas. Avoid touching the antenna area unnecessarily while the antenna is transmitting or receiving. Contact with antennas affects the communication quality and may cause a higher power level during operation and may reduce the battery life.

The figure shows the GSM antenna area marked in grey.

Headset

Warning:
When you use the headset, your ability to hear outside sounds may be affected. Do not use the headset where it can endanger your safety.

When connecting any external device or any headset, other than those approved by Nokia for use with this device, to the Nokia AV Connector, pay special attention to volume levels.

Do not connect products that create an output signal as this may cause damage to the device. Do not connect any voltage source to the Nokia AV Connector.

Connect a USB data cable

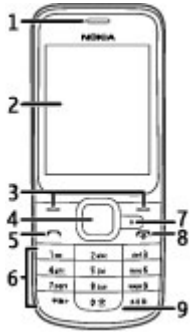
Connect a compatible USB data cable to the USB connector. You may need to purchase a USB data cable separately.

To modify the USB settings, select **Menu** > **Settings** > **Connectivity** > **USB data cable** and the desired mode.

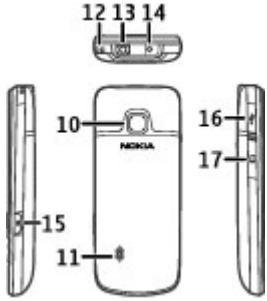
Magnets and magnetic fields

Keep your device away from magnets or magnetic fields.

Keys and parts



1 Earpiece
2 Display
3 Selection keys
4 Navi™ key (scroll key)
5 Call key
6 Keypad
7 Maps key
8 End/Power key
9 Microphone



10 Camera lens
11 Loudspeaker
12 Wrist strap eyelet
13 Headset connector/Nokia AV Connector (3.5 mm)
14 Charger connector
15 Capture key
16 Micro USB cable connector

17 Memory card slot

Access codes

The security code helps to protect your device against unauthorised use. The preset code is 12345. You can create and change the code, and set the device to request the code. Keep the code secret and in a safe place separate from your device. If you forget the code and your device is locked, your device will require service. Additional charges may apply, and all the personal data in your device may be deleted. For more information, contact a Nokia Care point or your device dealer.

The PIN code supplied with the SIM card protects the card against unauthorised use. The PIN2 code supplied with some SIM cards is required to access certain services. If you enter the PIN or PIN2 code incorrectly three times in succession, you are asked for the PUK or PUK2 code. If you do not have them, contact your service provider.

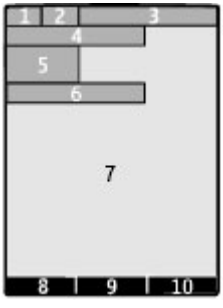
The module PIN is required to access the information in the security module of your SIM card. The signing PIN may be required for the digital signature. The barring password is required when using the call barring service.

To set how your device uses the access codes and security settings, select **Menu** > **Settings** > **Security**.

Switch on or off

Press and hold the power key.

Home screen



1 Network signal strength
2 Battery charge status
3 Indicators
4 Network name or the operator logo
5 Clock
6 Date (if the home screen mode is deactivated)

7 Display
8 Function of the left selection key
9 Function of the scroll key
10 Function of the right selection key

Keypad lock

Lock the keypad
Select **Menu**, and press * within 2.5 seconds.

Unlock the keypad
Select **Unlock**, and press * within 1.5 seconds. If requested, enter the lock code.

Answer a call when the keypad is locked
Press the call key. When you end or reject a call, the keypad locks automatically.

Set automatic keypad lock
Select **Menu** > **Settings** > **Phone** > **Automatic keyguard** > **On**, and set the length of time, after which the keypad locks.

When the device or keypad is locked, calls may be possible to the official emergency number programmed into your device.

Use your device without a SIM card

Some features of your device may be used without inserting a SIM card, such as games. Features that are unavailable in the offline profile cannot be selected in menus.

Applications running in background

Leaving applications running in the background increases the demand on battery power and reduces the battery life.

Applications that usually run in the background are, for example, the Radio and Music player applications.

Calls

Make and answer a call

Make a call
Enter the phone number, including the country and area code if necessary, and press the call key.

Answer an incoming call
Press the call key.

Reject a call
Press the end key.

Adjust the volume
During a phone call, scroll up or down.

Loudspeaker

If available, you may select **Loudsp.** or **Handset** to use the loudspeaker or the earpiece of the phone during a call.

Warning:
Continuous exposure to high volume may damage your hearing. Listen to music at a moderate level, and do not hold the device near your ear when the loudspeaker is in use.

Dialling shortcuts

Assign a phone number to a number key
Select **Menu** > **Contacts** > **More** > **Speed dials**, scroll to a desired number (2-9), and select **Assign**. Enter the desired phone number, or select **Search** and a saved contact.

Activate speed dialling
Select **Menu** > **Settings** > **Call** > **Speed dialling** > **On**.

Make a call using speed dialling
In the home screen, press and hold the desired number key.

Write text

Text modes

To enter text (for example, when writing messages) you can use traditional or predictive text input.

When you write text, press and hold **Options** to switch between traditional text input, indicated by , and predictive text input, indicated by . Not all languages are supported by predictive text input.

The character cases are indicated by Abc, abc, and ABC.

To change the character case, press **#**. To change from the letter to number mode, indicated by 123, press and hold **#**, and select **Number mode**. To change from the number to the letter mode, press and hold **#**.

To set the writing language, select **Options** > **Writing language**.

Traditional text input

Press a number key, 2-9, repeatedly until the desired character appears. The available characters depend on the selected writing language.

If the next letter you want is located on the same key as the present one, wait until the cursor appears, and enter the letter.

To access the most common punctuation marks and special characters, press **1** repeatedly. To access the list of special characters, press *****. To insert a space, press **0**.

Predictive text input

Predictive text input is based on a built-in dictionary to which you can also add new words.

1 Start writing a word, using the keys **2** to **9**. Press each key only once for one letter.
2 To confirm a word, scroll right or add a space.

- If the word is not correct, press ***** repeatedly, and select the word from the list.
- If the ? character is displayed after the word, the word you intended to write is not in the dictionary. To add the word to the dictionary, select **Spell**. Enter the word using traditional text input, and select **Save**.
- To write compound words, enter the first part of the word, and scroll right to confirm it. Write the last part of the word, and confirm the word.

3 Start writing the next word.

Navigate the menus

The device functions are grouped into menus. Not all menu functions or option items are described here.

In the home screen, select **Menu** and the desired menu and submenu.

Exit the current menu level

Select **Exit** or **Back**.

Return to the home screen

Press the end key.

Change the menu view

Select **Menu** > **Options** > **Main menu view**.

Messaging

Create and receive messages, such as text and multimedia, with your device. The messaging services can only be used if your network or service provider supports them.

Text and multimedia messages

You can create a message and optionally attach, for example, a picture. Your phone automatically changes a text message to a multimedia message when a file is attached.

Text messages

Your device supports text messages beyond the limit for a single message. Longer messages are sent as two or more messages. Your service provider may charge accordingly. Characters with accents, other marks, or some language options take more space, and limit the number of characters that can be sent in a single message.

The total number of characters left and the number of messages needed for sending are displayed.

To send messages, the correct message centre number must be stored in your device. Normally, this number is set by default through your SIM card.

To set the number manually, do the following:

1 Select **Menu** > **Messaging** > **More** > **Msg. settings** > **Text messages** > **Message centre**.
2 Enter the name and number supplied by your service provider.

Multimedia messages

A multimedia message can contain text, pictures, and sound or video clips.

Only devices that have compatible features can receive and display multimedia messages. The appearance of a message may vary depending on the receiving device.

The wireless network may limit the size of MMS messages. If the inserted picture exceeds this limit, the device may make it smaller so that it can be sent by MMS.

Important: Exercise caution when opening messages. Messages may contain malicious software or otherwise be harmful to your device or PC.

For availability and subscription to the multimedia messaging service (MMS), contact your service provider.

Create a message

1 Select **Menu** > **Messaging** > **Create message**.
2 Write your message.

   To insert a special character or a smiley, select **Options** > **Insert symbol**.

   To attach an object to the message, select **Options** > **Insert object**. The message type changes automatically to multimedia message.
3 To add recipients, select **Send to** and a recipient.

   To enter a phone number or mail address manually, select **Number or mail**. Enter a phone number, or select **E-mail**, and enter a mail address.

4 Select **Send**.

Multimedia messages are indicated with an icon at the top of the display.

Service providers may charge differently depending on the message type. For details, contact your service provider.

Flash messages

Flash messages are text messages that are instantly displayed upon reception.

Select **Menu** > **Messaging**.

1 Select **More** > **Other messages** > **Flash message**.
2 Write your message.
3 Select **Send to** and a contact.

Nokia Xpress audio messages

Create and send audio messages using MMS in a convenient way.

Select **Menu** > **Messaging**.

1 Select **More** > **Other messages** > **Audio message**. The voice recorder opens.
2 To record your message, select ●.
3 To stop recording, select ■.
4 Select **Send to** and a contact.

Nokia Mail

Access your mail account with your device to read, write, and send mail. This mail application is different from the SMS mail function.

This function is not available in all regions.

Before you can use mail, you must have an mail account from an mail service provider. For availability and the correct settings, contact your mail service provider. You may receive the mail configuration settings as a configuration message.

Mail setup wizard

The mail setup wizard opens automatically if no mail settings are defined in the device. To add an additional mail account, select **Menu** > **Messaging** and **Mail** > **New account**. Follow the instructions.

Write and send a mail

You may write your mail before connecting to the mail service.

1 Select **Menu** > **Messaging** > **More** > **Mail** and **Create mail**.

2 Enter the recipient's mail address, the subject, and the mail message. To attach a file, select **Options** > **Insert**.
3 If more than one mail account is defined, select the account from which you want to send the mail.
4 Select **Send**.

Read a mail and reply

Important: Exercise caution when opening messages. Messages may contain malicious software or otherwise be harmful to your device or PC.

Select **Menu** > **Messaging**.

Download mail headers
Select your mail account.

Download a mail and its attachments
Select a mail and **Open** or **Retrieve**.

Reply to or forward a mail
Select **Options** > **Reply** or **Forward**.

Disconnect from your mail account
Select **Options** > **Disconnect**. The connection to the mail account automatically ends after some time without activity.

Voice messages

The voice mailbox is a network service to which you may need to subscribe. For more information, contact your service provider.

Call your voice mailbox
Press and hold **1**.

Edit your voice mailbox number
Select **Menu** > **Messaging** > **More** > **Voice messages** and **Voice mailbox no.**.

Message settings

Select **Menu** > **Messaging** and **More** > **Msg. settings**.

Select from the following:

General settings — Set the font size for messages, and activate graphical smileys and delivery reports.
Text messages — Set up message centres for text messages and SMS mail.

Multimedia msgs. — Allow delivery reports and the reception of multimedia messages and advertisements, and set up other preferences related to multimedia messages.

Service messages — Activate service messages, and set up preferences related to service messages.

Contacts

You can save names and phone numbers in the device memory and on the SIM card. In the device memory, you can save contacts with numbers and text items. Names and numbers saved on the SIM card are indicated with ⊟.

Select **Menu** > **Contacts** > **Names**.

Add a contact

Select **Options** > **Add new contact**.

Add details to a contact

Ensure that the memory in use is either **Phone** or **Phone and SIM**. Scroll to a contact, and select **Details** > **Options** > **Add detail**.

Search for a contact

Select **Names**. Scroll through the list of contacts, or enter the first characters of the contact's name.

Copy a contact between the device memory and SIM card

Select **Names**, scroll to the contact, and select **Options** > **More** > **Copy contact**. On the SIM card, you can save only one phone number for each name.

To select the SIM card or device memory for your contacts, to select how the names and numbers in the contacts list are displayed, and to view the memory capacity for contacts, select **Settings** and the appropriate option.

You can send and receive a person's contact information as a business card from a compatible device that supports the vCard standard.

Send a business card

Select a contact, **Options** > **More** > **Business card**, and the sending type.

Call log

To view the information on your calls, messages, data, and synchronisation, select **Menu** > **Log** and from the available options.

Note: The actual invoice for calls and services from your service provider may vary, depending on network features, rounding off for billing, taxes, and so forth.

Settings

Profiles

Waiting for a call, but can't let your device ring? There are various settings groups called profiles, which you can customise with ringing tones for different events and environments.

Select **Menu** > **Settings** > **Profiles**.

Select the desired profile and from the following:

Activate — Activate the profile.

Personalise — Modify the profile settings.

Timed — Set the profile to be active until a certain time. When the time set for the profile expires, the previous profile that was not timed becomes active.

Tones

You can change the tone settings of the selected active profile.

Select **Menu** > **Settings** > **Tones**. You can find the same settings in the **Profiles** menu.

Display

To view or adjust the wallpaper, font size, or other features related to the device display, select **Menu** > **Settings** > **Display**.

Date and time

Select **Menu** > **Settings** > **Date and time**.

Set the date and time

Select **Date & time settings**.

Set the date and time format

Select **Date & time format**.

Update the time automatically according to the current time zone

Select **Auto-update of time** (network service).

Shortcuts

With personal shortcuts, you can get quick access to frequently used phone functions.

Select **Menu** > **Settings** > **My shortcuts**.

Assign phone functions to the selection keys

Select **Right selection key** or **Left selection key** and a function from the list.

Select shortcut functions for the scroll key

Select **Navigation key**. Scroll to the desired direction, and select **Change** or **Assign** and a function from the list.

Synchronisation and backup

Select **Menu** > **Settings** > **Sync & backup**.

Select from the following:

Phone switch — Synchronise or copy selected data, such as your contacts, calendar entries, notes, or messages, between your device and another device.

Create backup — Back up selected data.

Restore backup — Restore data from a backup. To view the details of a backup file, select **Options** > **Details**.

Data transfer — Synchronise or copy selected data between your device and a network server (network service).

Connectivity

Your phone has several features that allow you to connect to other devices to transmit and receive data.

Bluetooth wireless technology

Bluetooth technology allows you to connect your device, using radio waves, to a compatible Bluetooth device or accessory that is within 10 metres (32 feet).

Select **Menu** > **Settings** > **Connectivity** > **Bluetooth**.

Set up a Bluetooth connection

1. Select **My phone's name**, and enter a name for your device.
2. Select **Bluetooth** > **On.** indicates that Bluetooth connectivity is active.
3. To connect your device to an audio accessory, select **Conn. to audio acc.** and the device that you want to connect to.
4. To pair your device with any Bluetooth device in range, select **Paired devices** > **Add new device**.

   Scroll to a found device, and select **Add**.

   Enter a passcode (up to 16 characters) on your device, and allow the connection on the other Bluetooth device.

If you are concerned about security, deactivate the Bluetooth function, or set **Phone visibility** to **Hidden**. Accept Bluetooth communication only from those you trust.

Connect your PC to the internet

You can use Bluetooth technology to connect your compatible PC to the internet without the PC Suite software. Your device must be able to connect to the internet (network

service), and your PC must support Bluetooth technology. After connecting to the network access point (NAP) service of the device, and pairing with your PC, your device automatically opens a packet data connection to the internet.

This device is compliant with Bluetooth Specification 2.0 + EDR supporting the following profiles: generic access, hands-free, headset, object push, file transfer, dial-up networking, serial port, SIM access, and generic object exchange. To ensure interoperability between other devices supporting Bluetooth technology, use Nokia approved accessories for this model. Check with the manufacturers of other devices to determine their compatibility with this device.

Features using Bluetooth technology increase the demand on battery power and reduce the battery life.

Packet data

General packet radio service (GPRS) is a network service that allows mobile phones to send and receive data over an internet protocol (IP)-based network.

To define how to use the service, select **Menu** > **Settings** > **Connectivity** > **Packet data** > **Packet data conn.** and from the following options:

When needed — to establish the packet data connection when an application needs it. The connection is closed when the application is terminated.

Always online — to automatically connect to a packet data network when you switch the phone on

Call and phone

Select **Menu** > **Settings** > **Call**.

Divert incoming calls

Select **Call divert** (network service). For details, contact your service provider.

Automatically redial ten times after an unsuccessful attempt

Select **Automatic redial** > **On**.

Get a notification of incoming calls while you are in a call

Select **Call waiting** > **Activate** (network service).

Display or hide your number to the person you are calling

Select **Send my caller ID** (network service).

Select **Menu** > **Settings** > **Phone**.

Set the display language

Select **Language settings** > **Phone language**.

Accessories

This menu is only available if the device is or has been connected to a compatible accessory.

Select **Menu** > **Settings** > **Accessories**. Select an accessory and an option, depending on the accessory.

Configuration

You can configure your device with settings that are required for certain services. Your service provider may also send you these settings.

Select **Menu** > **Settings** and **Configuration**.

Select from the following:

Default config. sett. — View the service providers saved in the device, and set a default service provider.

Act. def. in all apps. — Activate the default configuration settings for supported applications.

Preferred access pt. — View the saved access points.

Personal settings — Add new personal accounts for various services, and activate or delete them. To add a new personal account, select **Add** or **Options** > **Add new**. Select the service type, and enter the required information. To activate a personal account, scroll to the account, and select **Options** > **Activate**.

Restore factory settings

To restore the phone back to factory conditions, select **Menu** > **Settings** > **Rest. fact. sett.** and from the following:

Settings only — Reset all preference settings without deleting any personal data.

All — Reset all preference settings and delete all personal data, such as contacts, messages, media files, and activation keys.

Operator menu

Access a portal to services provided by your network operator. For more information, contact your network operator. The operator can update this menu with a service message.

Gallery

In Gallery, you can manage images, video clips, and music files.

View the Gallery contents

Select **Menu** > **Gallery**.

Applications

Alarm clock

You can set an alarm to sound at a desired time.

Set the alarm

1 Select **Menu** > **Applications** > **Alarm clock**.
2 Set the alarm, and enter the alarm time.
3 To issue an alarm on selected days of the week, select **Repeat:** > **On** and the days.
4 Select the alarm tone. If you select the radio as the alarm tone, connect the headset to the device.
5 Set the length of the snooze time-out period, and select **Save**.

Stop the alarm

Select **Stop**. If you let the alarm sound for a minute or select **Snooze**, the alarm stops for the length of the snooze time-out period, then resumes.

Calendar and to-do list

Select **Menu** > **Calendar**. The current day is framed. If there are any notes set for the day, the day is in bold.

Add a calendar note

Scroll to the date, and select **Options** > **Make a note**.

View the details of a note

Scroll to a note, and select **View**.

Delete all notes from the calendar

Select **Options** > **Delete notes** > **All notes**.

View the to-do list

Select **Menu** > **Applications** > **To-do list**.

The to-do list is displayed and sorted by priority. To add, delete, or send a note, to mark the note as done, or to sort the to-do list by deadline, select **Options**.

Extras

Your device may include some games and Java™ applications specially designed for your device.

Select **Menu** > **Applications** > **Extras**.

Open a game or application
Select **Games**, **Collection**, or the memory card, and a game or an application.

View the amount of memory available for game and application installations
Select **Options** > **Memory status**.

Download a game or application
Select **Options** > **Downloads** > **Game downloads** or **App. downloads**.

Your device supports J2ME™ Java applications. Make sure an application is compatible with your device before downloading it.

Important: Only install and use applications and other software from sources that you trust. Applications from untrusted sources may include malicious software that can access data stored in your device, cause financial harm, or damage your device.

The downloaded applications may be saved in Gallery instead of Applications.

Camera and video

Your device supports an image capture resolution of 1200x1600 pixels.

Camera mode

Use the still image function
In the home screen, press the capture key.

Zoom in or out
Scroll up or down.

Capture an image
Press the capture key.

Set the preview mode and time
Select **Options** > **Settings** > **Photo preview time**.

To activate the self-timer, or to capture images in a fast sequence, select **Options** and the desired option.

Video mode

Use the video function
Press and hold the capture key.

Start recording a video clip
Press the capture key.

Switch between camera and video mode
In camera or video mode, scroll left or right.

FM radio

The FM radio depends on an antenna other than the wireless device antenna. A compatible headset or accessory needs to be attached to the device for the FM radio to function properly.

Warning:
Continuous exposure to high volume may damage your hearing. Listen to music at a moderate level, and do not hold the device near your ear when the loudspeaker is in use.

Select **Menu** > **Applications** > **Radio**, or, in the home screen, press and hold ***.

Search for a neighbouring station
Press and hold the scroll key to the left or right.

Save a station
Tune to the desired station, and select **Options** > **Save station**.

Switch between saved stations
Scroll left or right to switch between stations, or press the corresponding number key of the memory location of a desired station.

Adjust the volume
Scroll up or down.

Leave the radio playing in the background
Press the end key.

Close the radio
Press and hold the end key.

Voice recorder

Select **Menu** > **Applications** > **Voice recorder**.

Start recording
Select the record icon.

Start recording during a call
Select **Options** > **More** > **Record**. When recording a call, hold the phone in the normal position near to your ear. The recording is saved in the Recordings folder in Gallery.

Listen to the latest recording
Select **Options** > **Play last recorded**.

Send the last recording in a multimedia message
Select **Options** > **Send last recorded**.

Media player

Your device includes a media player for listening to songs or other MP3 or AAC sound files.

Warning:
Continuous exposure to high volume may damage your hearing. Listen to music at a moderate level, and do not hold the device near your ear when the loudspeaker is in use.

Select **Menu** > **Applications** > **Media player**.

Start or pause playing
Press the scroll key.

Skip to the beginning of the current song
Scroll left.

Skip to the previous song
Scroll left twice.

Skip to the next song
Scroll right.

Rewind the current song
Press and hold the scroll key to the left.

Fast-forward the current song
Press and hold the scroll key to the right.

Adjust the volume
Scroll up or down.

Mute or unmute the media player
Press **#**.

Leave the media player playing in the background
Press the end key.

Close the media player
Press and hold the end key.

Maps

About Maps

Select **Menu** > **Maps**.

With Maps, you can browse maps of different cities and countries, search for addresses and places of interest, and view your current position, if available. You can also plan routes, and get turn-by-turn navigation guidance.

If there are maps available in your device or on an inserted memory card, you can browse them without an internet connection. When you browse to an area which is not covered by the maps already downloaded in your device, a map for the area is automatically downloaded through the internet. You may be prompted to select an access point to use with the internet connection.

Downloading maps may involve the transmission of large amounts of data through your service provider's network. For information about data transmission charges, contact your service provider.

Some services may not be available in all countries, and may be provided only in selected languages.

When you open Maps, select from the following:

Current position — View your current location.

Recent locat. — View the locations you have browsed.

Find address — Search for a specific address.

Point me to — View the direction to a destination, displayed in a straight line.

Saved locations — Find a location you have saved on your device.

Plan route — Plan a route.

Settings — Define the Maps settings.

Almost all digital cartography is inaccurate and incomplete to some extent. Never rely solely on the cartography that you download for use in this device.

Introduction

About positioning methods

Maps displays your location on the map using GPS or A-GPS.

The Global Positioning System (GPS) is a satellite-based navigation system used for calculating your location. Assisted GPS (A-GPS) is a network service that uses local network information to improve the speed and accuracy of the GPS positioning.

Downloading A-GPS data involves data transfer through your service provider's network. While roaming, that is, outside your service provider's network, the data transfer charges may be higher than expected. Therefore, by default, A-GPS is not used while roaming, but this means that calculating your location may take longer than when using A-GPS.

To allow using A-GPS while roaming, select **Menu** > **Settings** > **Connectivity** > **GPS** > **Net-assisted GPS**. For information about data transfer charges, contact your service provider.

The Global Positioning System (GPS) is operated by the government of the United States, which is solely responsible for its accuracy and maintenance. The accuracy of location data can be affected by adjustments to GPS satellites made by the United States government and is subject to change with the United States Department of Defense civil GPS policy and the Federal Radionavigation Plan. Accuracy can also be affected by poor satellite geometry. Availability and quality of GPS signals may be affected by your location, buildings, natural obstacles, and weather conditions. GPS signals may not be available inside buildings or underground and may be impaired by materials such as concrete and metal.

GPS should not be used for precise location measurement, and you should never rely solely on location data from the GPS receiver and cellular radio networks for positioning or navigation.

The trip meter has limited accuracy, and rounding errors may occur. Accuracy can also be affected by availability and quality of GPS signals.

GPS receiver

If your device has an internal GPS receiver, you can use it with Maps.

Using the internal GPS receiver may drain the device battery faster.

Use an external GPS receiver

1 Fully charge your compatible GPS receiver, and switch it on.
2 Set up a Bluetooth connection between your device and the GPS receiver.
3 Place the GPS receiver in a position with an unobstructed view to the sky.
4 Open the Maps application, and select the external GPS receiver.

It may take several minutes to establish the first GPS connection. Subsequent connections are faster, but, if you have not used GPS for several days, or you are very far from the last location you used it, it may take a while to find a strong satellite signal.

You can also use Maps without a GPS receiver to browse maps, search for addresses and locations, and plan routes.

Navigate to your destination

Plan a route

Plan your journey, and create your route and view it on the map before setting off.

Select **Menu** > **Maps**.

1 Select **Plan route**.
2 Select **Starting point** and your current position, a saved or recent location, a place from the map, or a specific address as the start point of your route.
3 Select **Destination** and the end point of your route.

Show the route on the map

Select **Options** > **Show route** > **View map**.

Navigate to the destination

Select **Options** > **Show route** > **Options** > **Start navigation**.

View the details of the route

Select **Options** > **Route** > **Route details**.

Clear the route

Select **Options** > **Route** > **Clear route**.

Navigate to a destination

You can get turn-by-turn directions while driving or walking.

Select **Menu** > **Maps**.

1 Select **Plan route**, and create a route.
2 Select **Options** > **Show route** > **Options** > **Start navigation**.
3 Accept the displayed disclaimer, if prompted.
4 Select the language for voice guidance, if prompted.

Downloading voice guidance files may involve transmission of large amounts of data (network service). For more information, contact your network service provider.

Repeat the voice guidance

Select **Repeat**.

Silence the voice guidance

Select **Options** > **Mute audio**.

If you deviate from the set route, the device automatically plans a new route.

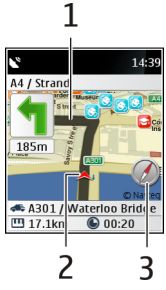
Stop navigating

Select **Stop**.

Navigate on foot

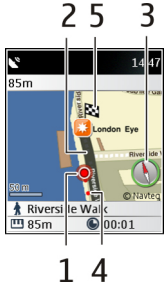
Select **Settings** > **Routing settings** > **Route selection** > **On foot**. This optimises the routes you create for navigation on foot.

Drive navigation view



1 Route
2 Your location and the direction in which you are moving
3 Compass

Walk navigation view



1 Your location
2 Route to follow
3 Compass
4 Your route trail — Displays where you have been walking.
5 Destination

View the direction to your destination

If you are on off-road terrain, or you don't have the maps of the area downloaded in your device, you can view the direction to your destination.

Select **Menu** > **Maps**.

1 Select **Point me to**.
2 To set your destination, select the appropriate option.
3 Select the desired location.

The straight line indicates the straightest route and the shortest distance to your destination. The route ignores any obstacles on the route, such as buildings and natural obstacles, or elevation differences.

To help you identify where you are and keep in the right direction, red dots display the route you have been walking or driving.

Web or Internet

You can access various internet services with your phone browser. The appearance of the web pages may vary due to screen size. You may not be able to see all the details on the web pages.

Depending on your phone, the web browsing function may be displayed as Web or Internet in the menu, hereafter referred to as Web.

Important: Use only services that you trust and that offer adequate security and protection against harmful software.

For the availability of these services, pricing, and instructions, contact your service provider.

You may receive the configuration settings required for browsing as a configuration message from your service provider.

Connect to a web service

Select **Menu** > **Internet** > **Home**. Or, in the standby mode, press and hold **0**.

After you make a connection to the service, you can start browsing its pages. The function of the phone keys may vary in different services. Follow the text guides on the phone display. For more information, contact your service provider.

SIM services

Your SIM card may provide additional services. You can access this menu only if it is supported by your SIM card. The name and contents of the menu depend on the available services.

Green tips

Here are tips on how you can contribute to protecting the environment.

Save energy

When you have fully charged the battery and disconnected the charger from the device, unplug the charger from the wall outlet.

You do not need to charge your battery so often if you do the following:

- Close and disable applications, services, and connections when not in use.
- Decrease the brightness of the screen.
- Set the device to enter the power saver mode after the minimum period of inactivity, if available in your device.
- Disable unnecessary sounds, such as keypad and ringing tones.

Recycle

Most of the materials in a Nokia phone are recyclable. Check how to recycle your Nokia products at www.nokia.com/werecycle, or with a mobile device, www.nokia.mobi/werecycle.

Recycle packaging and user guides at your local recycling scheme.

Learn more

For more information on the environmental attributes of your device, see www.nokia.com/ecodeclaration.

Product and safety information

General information
About your device

The wireless device described in this guide is approved for use on the (E)GSM 850, 900, 1800, and 1900 MHz networks. Contact your service provider for more information about networks.

Your device may have preinstalled bookmarks and links for third-party internet sites and may allow you to access third-party sites. These are not affiliated with Nokia, and Nokia does not endorse or assume liability for them. If you access such sites, take precautions for security or content.

Warning:
To use any features in this device, other than the alarm clock, the device must be switched on. Do not switch the device on when wireless device use may cause interference or danger.

When using this device, obey all laws and respect local customs, privacy and legitimate rights of others, including copyrights. Copyright protection may prevent some images, music, and other content from being copied, modified, or transferred.

Make back-up copies or keep a written record of all important information stored in your device.

When connecting to any other device, read its user guide for detailed safety instructions. Do not connect incompatible products.

The images in this guide may differ from your device display.

Refer to the user guide for other important information about your device.

Network services

To use the device you must have service from a wireless service provider. Some features are not available on all networks; other features may require that you make specific arrangements with your service provider to use them. Network services involve transmission of data. Check with your service provider for details about fees in your home network and when roaming on other networks. Your service provider can explain what charges will apply. Some networks may have limitations that affect how you can use some features of this device requiring network support such as support for specific technologies like WAP 2.0 protocols (HTTP and SSL) that run on TCP/IP protocols and language-dependent characters.

Your service provider may have requested that certain features be disabled or not activated in your device. If so, these features will not appear on your device menu. Your device may also have customized items such as menu names, menu order, and icons.

Shared memory

The following features in this device may share memory: multimedia messaging (MMS), e-mail application, instant messaging. Use of one or more of these features may reduce the memory available for the remaining features. If your device displays a message that the memory is full, delete some of the information stored in the shared memory.

Digital rights management

Content owners may use different types of digital rights management (DRM) technologies to protect their intellectual property, including copyrights. This device uses various types of DRM software to access DRM-protected content. With this device you can access content protected with WMDRM 10, OMA DRM 1.0, OMA DRM 1.0 forward lock, and OMA DRM 2.0. If certain DRM software fails to protect the content, content owners may ask that such DRM software's ability to access new DRM-protected content be revoked. Revocation may also prevent renewal of such DRM-protected content already in your device. Revocation of such DRM software does not affect the use of content protected with other types of DRM or the use of non-DRM-protected content.

Accessories

Warning:
Use only batteries, chargers, and accessories approved by Nokia for use with this particular model. The use of any other types may invalidate any approval or warranty, and may be dangerous. In particular, use of unapproved chargers or batteries may present a risk of fire, explosion, leakage, or other hazard.

For availability of approved accessories, please check with your dealer. When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.

Battery

Battery and charger information

Your device is powered by a rechargeable battery. The battery intended for use with this device is BL-5C. Nokia may make additional battery models available for this device. This device is intended for use when supplied with power from the following chargers: AC-3. The exact charger model number may vary depending on the type of plug. The plug variant is identified by one of the following: E, EB, X, AR, U, A, C, K, or UB.

The battery can be charged and discharged hundreds of times, but it will eventually wear out. When the talk and standby times are noticeably shorter than normal, replace the battery. Use only Nokia approved batteries, and recharge your battery only with Nokia approved chargers designated for this device.

If a battery is being used for the first time or if the battery has not been used for a prolonged period, it may be necessary to connect the charger, then disconnect and reconnect it to begin charging the battery. If the battery is completely discharged, it may take several minutes before the charging indicator appears on the display or before any calls can be made.

Safe removal. Always switch the device off and disconnect the charger before removing the battery.

Proper charging. Unplug the charger from the electrical plug and the device when not in use. Do not leave a fully charged battery connected to a charger, since overcharging may shorten its lifetime. If left unused, a fully charged battery will lose its charge over time.

Avoid extreme temperatures. Always try to keep the battery between 15°C and 25°C (59°F and 77°F). Extreme temperatures reduce the capacity and lifetime of the battery. A device with a hot or cold battery may not work temporarily. Battery performance is particularly limited in temperatures well below freezing.

Do not short-circuit. Accidental short-circuiting can occur when a metallic object such as a coin, clip, or pen causes direct connection of the positive (+) and negative (-) terminals of the battery. (These look like metal strips on the battery.) This might happen, for example, when you carry a spare battery in your pocket or purse. Short-circuiting the terminals may damage the battery or the connecting object.

Disposal. Do not dispose of batteries in a fire as they may explode. Dispose of batteries according to local regulations. Please recycle when possible. Do not dispose as household waste.

Leak. Do not dismantle, cut, open, crush, bend, puncture, or shred cells or batteries. In the event of a battery leak, prevent battery liquid contact with skin or eyes. If this happens, flush the affected areas immediately with water, or seek medical help.

Damage. Do not modify, remanufacture, attempt to insert foreign objects into the battery, or immerse or expose it to water or other liquids. Batteries may explode if damaged.

Correct use. Use the battery only for its intended purpose. Improper battery use may result in a fire, explosion, or other hazard. If the device or battery is dropped, especially on a hard surface, and you believe the battery has been damaged, take it to a service centre for inspection before continuing to use it. Never use any charger or battery that is damaged. Keep your battery out of the reach of small children.

Nokia battery authentication guidelines

Always use original Nokia batteries for your safety. To check that you are getting an original Nokia battery, purchase it from a Nokia authorised service centre or dealer, and inspect the hologram label using the following steps:

Authenticate hologram

1 When you look at the hologram on the label, you should see the Nokia connecting hands symbol from one angle and the Nokia Original Enhancements logo when looking from another angle.

2 When you angle the hologram left, right, down and up, you should see 1, 2, 3 and 4 dots on each side respectively.

Successful completion of the steps is not a total assurance of the authenticity of the battery. If you cannot confirm authenticity or if you have any reason to believe that your Nokia battery with the hologram on the label is not an authentic Nokia battery, you should refrain from using it, and take it to the nearest Nokia authorised service centre or dealer for assistance.

To find out more about original Nokia batteries, see www.nokia.com/battery.

Take care of your device

Handle your device, battery, charger and accessories with care. The following suggestions help you protect your warranty coverage.

- Keep the device dry. Precipitation, humidity, and all types of liquids or moisture can contain minerals that corrode electronic circuits. If your device gets wet, remove the battery, and allow the device to dry.
- Do not use or store the device in dusty or dirty areas. Moving parts and electronic components can be damaged.
- Do not store the device in high temperatures. High temperatures can shorten the life of the device, damage the battery, and warp or melt plastics.
- Do not store the device in cold temperatures. When the device warms to its normal temperature, moisture can form inside the device and damage electronic circuits.
- Do not attempt to open the device other than as instructed in the user guide.
- Unauthorised modifications may damage the device and violate regulations governing radio devices.
- Do not drop, knock, or shake the device. Rough handling can break internal circuit boards and mechanics.
- Only use a soft, clean, dry cloth to clean the surface of the device.
- Do not paint the device. Paint can clog the moving parts and prevent proper operation.
- Switch off the device and remove the battery from time to time for optimum performance.
- Keep your device away from magnets or magnetic fields.
- To keep your important data safe, store it in at least two separate places, such as your device, memory card, or computer, or write down important information.

Recycle

Always return your used electronic products, batteries, and packaging materials to dedicated collection points. This way you help prevent uncontrolled waste disposal and promote the recycling of materials. Check product environmental information and how to recycle your Nokia products at www.nokia.com/werecycle, or with a mobile device, nokia.mobi/werecycle.

About Digital Rights Management

When using this device, obey all laws and respect local customs, privacy and legitimate rights of others, including copyrights. Copyright protection may prevent you from copying, modifying, or transferring images, music, and other content.

Content owners may use different types of digital rights management (DRM) technologies to protect their intellectual property, including copyrights. This device uses various types of DRM software to access DRM-protected content. With this device you can access content protected with WMDRM 10, OMA DRM 1.0, OMA DRM 1.0 forward lock, and OMA DRM 2.0. If certain DRM software fails to protect the content, content owners may ask that such DRM software's ability to access new DRM-protected content be revoked. Revocation may also prevent renewal of such DRM-protected content already in your device. Revocation of such DRM software does not affect the use of content protected with other types of DRM or the use of non-DRM-protected content.

Digital rights management (DRM) protected content comes with an associated licence that defines your rights to use the content.

Other transfer methods may not transfer the licences which need to be restored with the content for you to be able to continue the use of OMA DRM-protected content after the device memory is formatted. You may also need to restore the licences in case the files on your device get corrupted.

If your device has WMDRM-protected content, both the licences and the content will be lost if the device memory is formatted. You may also lose the licences and the content if the files on your device get corrupted. Losing the licences or the content may limit your ability to use the same content on your device again. For more information, contact your service provider.

Some licences may be connected to a specific SIM card, and the protected content can be accessed only if the SIM card is inserted in the device.

Additional safety information

The surface of this device is nickel-free.

Small children

Your device and its accessories are not toys. They may contain small parts. Keep them out of the reach of small children.

Operating environment

This device meets RF exposure guidelines in the normal use position at the ear or at least 1.5 centimetres (5/8 inch) away from the body. Any carry case, belt clip, or holder for body-worn operation should not contain metal and should position the device the above-stated distance from your body.

To send data files or messages requires a quality connection to the network. Data files or messages may be delayed until such a connection is available. Follow the separation distance instructions until the transmission is completed.

Parts of the device are magnetic. Metallic materials may be attracted to the device. Do not place credit cards or other magnetic storage media near the device, because information stored on them may be erased.

Medical devices

Operation of radio transmitting equipment, including wireless phones, may interfere with the function of inadequately protected medical devices. Consult a physician or the manufacturer of the medical device to determine whether they are adequately shielded from external RF energy. Switch off your device when regulations posted instruct you to do so. Hospitals or health care facilities may use equipment sensitive to external RF energy.

Implanted medical devices

Manufacturers of medical devices recommend a minimum separation of 15.3 centimetres (6 inches) between a wireless device and an implanted medical device, such as a pacemaker or implanted cardioverter defibrillator, to avoid potential interference with the medical device. Persons who have such devices should:

- Always keep the wireless device more than 15.3 centimetres (6 inches) from the medical device.
- Not carry the wireless device in a breast pocket.
- Hold the wireless device to the ear opposite the medical device.
- Turn the wireless device off if there is any reason to suspect that interference is taking place.
- Follow the manufacturer directions for the implanted medical device.

If you have any questions about using your wireless device with an implanted medical device, consult your health care provider.

Hearing aids

Some digital wireless devices may interfere with some hearing aids.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles such as electronic fuel injection, electronic antilock braking, electronic speed control, and air bag systems. For more information, check with the manufacturer of your vehicle or its equipment.

Only qualified personnel should service the device or install the device in a vehicle. Faulty installation or service may be dangerous and may invalidate your warranty. Check regularly that all wireless device equipment in your vehicle is mounted and operating properly. Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the device, its parts, or accessories. Remember that air bags inflate with great force. Do not place your device or accessories in the air bag deployment area.

Switch off your device before boarding an aircraft. The use of wireless teledevices in an aircraft may be dangerous to the operation of the aircraft and may be illegal.

Potentially explosive environments

Switch off your device in any area with a potentially explosive atmosphere. Obey all posted instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or death. Switch off the device at refuelling points such as near gas pumps at service stations. Observe restrictions in fuel depots, storage, and distribution areas; chemical plants; or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include areas where you would be advised to turn off your vehicle engine, below deck on boats, chemical transfer or storage facilities and where the air contains chemicals or particles such as grain, dust, or metal powders. You should check with the manufacturers of vehicles using liquefied petroleum gas (such as propane or butane) to determine if this device can be safely used in their vicinity.

Emergency calls

Important: This device operates using radio signals, wireless networks, landline networks, and user-programmed functions. If your device supports voice calls over the internet (internet calls), activate both the internet calls and the cellular phone. The device may attempt to make emergency calls over both the cellular networks and through your internet call provider if both are activated. Connections in all conditions cannot be guaranteed. You should never rely solely on any wireless device for essential communications like medical emergencies.

To make an emergency call:

1 If the device is not on, switch it on. Check for adequate signal strength. Depending on your device, you may also need to complete the following:

   - Insert a SIM card if your device uses one.
   - Remove certain call restrictions you have activated in your device.
   - Change your profile from Offline or Flight profile to an active profile.

2 Press the end key as many times as needed to clear the display and ready the device for calls.

3 Enter the official emergency number for your present location. Emergency numbers vary by location.

4 Press the call key.

When making an emergency call, give all the necessary information as accurately as possible. Your wireless device may be the only means of communication at the scene of an accident. Do not end the call until given permission to do so.

Certification information (SAR)
This mobile device meets guidelines for exposure to radio waves.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organisation ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The exposure guidelines for mobile devices employ a unit of measurement known as the Specific Absorption Rate or SAR. The SAR limit stated in the ICNIRP guidelines is 2.0 watts/kilogram (W/kg) averaged over 10 grams of tissue. Tests for SAR are conducted using standard operating positions with the device transmitting at its highest certified power level in all tested frequency bands. The actual SAR level of an operating device can be below the maximum value because the device is designed to use only the power required to reach the network. That amount changes depending on a number of factors such as how close you are to a network base station.

The highest SAR value under the ICNIRP guidelines for use of the device at the ear is 0.80 W/kg.

Use of device accessories may result in different SAR values. SAR values may vary depending on national reporting and testing requirements and the network band. Additional SAR information may be provided under product information at www.nokia.com.

Copyright and other notices

DECLARATION OF CONFORMITY

CE 0434

Hereby, NOKIA CORPORATION declares that this RM-586 product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. A copy of the Declaration of Conformity can be found at http://www.nokia.com/phones/declaration_of_conformity/.

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FCC/INDUSTRY CANADA NOTICE

Your device may cause TV or radio interference (for example, when using a telephone in close proximity to receiving equipment). The FCC or Industry Canada can require you to stop using your telephone if such interference cannot be eliminated. If you require assistance, contact your local service facility. This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by Nokia could void the user's authority to operate this equipment.

Issue 3 EN

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